

CEM Inputs	
ID Num:	Jeffamine DA on-site
Product:	unknown
Chemical Name:	Jeffamine DA
Scenario:	Laundry Detergent
Population:	Adult
Molecular Weight (g/mole)	1000
Consumer Product Weight Fraction - Central Tendency	0.02
Consumer Product Weight Fraction - High-End	0.02

**Inhalation Inputs**

There are no Inhalation inputs for this scenario.

**Activity Patterns**

There are no activity pattern data for this scenario

**Dermal Inputs**

Frequency of Use (events/yr) Chronic	52	SA/BW (cm <sup>2</sup> /kg)	12.3
Frequency of Use (events/day) acute	1		
Amount Retained/Absorbed to Skin (g/cm <sup>2</sup> -event)		1.11e-05	
Exposure Duration (chronic) years	57		
Exposure Duration (acute) days	1		
Averaging Time (chronic)	2.85e+04	days	
Averaging Time (acute)	1.00e+00	days	



CEM Dermal Exposure Estimates

ID Num: Jeffamine DA on-site Product: unknown

Scenario: Laundry Detergent (Hand Washing) Population: Adult

Exposure Duration (years) chronic 57  
 Exposure Duration (days) acute 1  
 SA/BW (cm<sup>2</sup>/kg) 12.3  
 Frequency of Use (events/year) chronic 52  
 Frequency of Use (events/day) acute 1

Exposure Units	Result	AT (days)
Chronic, Cancer		
LADD <sub>pot</sub> (mg/kg-day)	2.84e-04	2.85e+04
Acute		
ADR <sub>pot</sub> (mg/kg-day)	2.73e-03	1.00e+00

LADD<sub>pot</sub> - Lifetime Average Daily Dose (mg/kg-day)

ADR<sub>pot</sub> - Acute Dose Rate (mg/kg-day)

pot - Potential Dose

Note: 78 years = 2.85e+04 days

Note: The general Agency guidance for assessing short-term, infrequent events (for most chemicals, an exposure of less than 24 hours that occurs no more frequently than monthly) is to treat such events as independent, acute exposures rather than as a chronic exposure. (Methods for Exposure-Response Analysis for Acute Inhalation Exposure to Chemicals (External Review Draft). EPA/600/R-98/051. April 1998)

Comments: